Standard NPT National Pipe Tapered Fuel

This is a dryseal thread, the National pipe tapered thread for fuels.
This is used for both male and female ends.
This connection is still widely used in fluid power systems, even through it is not recommended by the National Fluid Power Association (NFPA) for use in hydraulic applications.

The NPTF male will mate with the NPTF, NPSF or NPSM female.
The NPTF male has tapered threads and a 30° inverted seat.

The NPTF female has tapered threads and no seat.
The seal takes piace by deformation of the threads.
The NPSM female has straight threads and a 30° inverted seat.
The seal takes piace on the 30° seat.

The NPTF connector is similar to, but not interchangeable with, the BSPT connector. The thread pitch is different in most sizes. Also, the thread angle is 60° instead of the 55° angle found on BSPT threads.

SOC F-NPT VHP NPT VHP Female



Carbon STEEL	AISI 316L STEEL	Description	Minimum Pack quantity	Hoze Size		Thread	
Part. No	Part. No			DN	inch	F	
SOC122	SOC822	1/4 F-NPT VHP C 1/4	20 pcs	6	1/4"	1/4"	18
SOC142	SOC842	3/8 F-NPT VHP C 1/4	20 pcs	6	1/4"	3/8"	18

Selection by hose family

All inserts are available both with standard and AISI 316L steel

CARBON STEEL			SOC122	SOC142					
AISI 316L STEEL			SOC822	SOC842					
	1/8"	3/16"	1/4"	1/4"	3/8"	1/2"	5/8"	3/4"	1"
HYDRAULIC									
041X VHP 10000			•	•					
046X VHP NON CONDUCTIVE			•	•					
040X VHP 10000 MARINER			•	•					
080X VHP EXTRA			•	•					
060X OFF SHORE MASTER 5K			•	•					
169X OFF SHORE MASTER 10K			•	•					
INDUSTRIAL									
15R CNG 5000 COMPRESSED NATURAL GAS HOSE			•	•					
048 VHP AGGRESSIVE CHEMICALS			•	•					